



Japanese Expedition,

1906

Dr 4780 - 4813

Book No 2.

Next Nos. { Dr 4780
 { Hy. 4868

No. *H. 4868.* Date *7 June 1906*

Lucas Machine. Reel. *Lucas*

Turns Cor.+ Depth *1477 fms.*

Shot or lead *35 lb and Sigbee Sdg Cup.*

Bottom *dk. gy. M.*

Bottom temperature *35.9*

No. of thermometer *108019* Cor. *-0.1°*

Corrected temperature *35.8°*

Air *43°* Surface *41°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.02.05</i>	<i>8.35.00</i>	0		
<i>02.50</i>	<i>34.05</i>	100		
<i>03.40</i>	<i>33.10</i>	200		
<i>04.35</i>	<i>32.15</i>	300		
<i>05.40</i>	<i>31.25</i>	400		
<i>06.45</i>	<i>30.35</i>	500		
<i>07.55</i>	<i>29.45</i>	600		
<i>09.05</i>	<i>28.55</i>	700		
<i>10.15</i>	<i>28.00</i>	800		
<i>11.30</i>	<i>27.05</i>	900		
<i>12.50</i>	<i>26.10</i>	1000		
<i>14.10</i>	<i>25.10</i>	1100		
<i>15.30</i>	<i>24.10</i>	1200		
<i>16.50</i>	<i>23.00</i>	1300		
<i>18.20</i>	<i>21.50</i>	1400		
<i>8.19.30</i>	<i>8.20.30</i>	<i>1477</i> 1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>P.L. = 97.3</i> <i>Chart: C.S. 9100</i> <i>Lat. 51° 51' N.</i> <i>Long. 174° 39' E.</i>	
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 4780* Date *7 June, 06.*Lucas Machine. Reel. *Lucas*Turns Cor.+ Depth *1046 fms*Shot or lead *35 lb y Sigsbee Sigs. Cops.*Bottom *gy MSP*Bottom temperature *36°*No. of thermometer *108019* Cor. *-0.1*Corrected temperature *35.9°*Air *45°* Surface *41°* DriftTrawl or dredge *Agassiz 8-ft.**am* SOUNDING WIRE.

TURNS.

am DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

9.54.40 *10.16.10**55.20* *115.15**56.05* *14.30**57.00* *13.40**58.10* *12.50**59.20* *12.00**10.00.30* *11.05**01.40* *10.15**02.50* *09.25**04.05* *08.25**05.20* *07.25**10.05.55* *10.06.50*

0

100

200

300

400

500

600

700

800

900

1000

1046

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

10.26.50 *8.40**29.40* *5.25**33.35* *4.40**36.55* *12.00.00**39.50* *57.15**42.45* *54.75**45.45* *51.45**48.00* *49.00**51.20* *46.20**54.20* *43.40**57.10* *40.30**59.55* *37.00**11.02.50* *33.30**05.35* *29.20**08.35* *25.50**11.30* *21.50**14.15* *11.17.00**17.00* *11.17.00**19.00**21.00**23.00**25.00**27.00**29.00**31.00**33.00**35.00**37.00*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>OK.</i> <i>L.M. S.</i> 		2500	<i>P.L. = 7.3</i>	
		2600	<i>Chart. C.S. 9100</i>	
		2700	<i>Lat. 52° 01' N</i>	
		2800	<i>Long. 174° 39' E.</i>	
		2900	<i>Weather om</i>	
		3000	<i>Wind NW: 2</i>	
		3100	<i>Sea. S</i>	
		3200	<i>Bar. 29.87</i>	
		3300	<i>Therm. 65°</i>	
		3400	<i>Course: W by N (AS.G)</i>	
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H 4869* Date *June 7 00*
Lucas Machine. Reel.
 Turns Cor.+ Depth *808*
 Shot or lead *35 lb. Sig. air.*
 Bottom *fine. gy. s. G*
 Bottom temperature *36.3*
 No. of thermometer *108019* Cor. *-0.1*
 Corrected temperature *36.2°*
 Air *45°* Surface *42°* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>26 20</i>	<i>23 15</i>	0		
<i>27 05</i>	<i>42 20</i>	100		
<i>28 50</i>	<i>41 30</i>	200		
<i>29 45</i>	<i>40 40</i>	300		
<i>30 40</i>	<i>39 50</i>	400		
<i>31 45</i>	<i>39 00</i>	500		
<i>32 55</i>	<i>38 00</i>	600		
<i>33 05</i>	<i>37 05</i>	700		
<i>34 15</i>	<i>36 00</i>	800		
<i>34 25</i>	<i>35 40</i>	<i>808</i>		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>FL</i>	<i>17.3</i>
		2600	<i>Chart</i>	<i>C.S. 9100</i>
		2700	<i>Lat 52° 08' N</i>	
		2800	<i>Long 174° 25 E</i>	
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *1478*Date *June 7 06*Machine. *Lucas*

Reel.

Turns

Cor. +

Depth *482*Shot or lead *35 lb*Bottom *gy. s. p.*Bottom temperature *38.7*No. of thermometer *108019*Cor. *-0.10*Corrected temperature *38.6*Air *45*Surface *45*

Drift

Trawl or dredge *12 Tanner*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>57.10</i>	<i>7.15</i>	0	<i>3.13</i>	<i>4.18.00</i>
<i>58.00</i>	<i>6.20</i>	100	<i>16.30</i>	<i>14.15</i>
<i>58.58</i>	<i>5.30</i>	200	<i>19.30</i>	<i>11.00</i>
<i>59.50</i>	<i>4.40</i>	300	<i>22.35</i>	<i>7.35</i>
<i>3 00.38</i>	<i>3.45</i>	400	<i>25.35</i>	<i>4.05</i>
<i>1 50.37.45</i>	<i>482</i>	500	<i>28.35</i>	<i>4.00.00</i>
		600	<i>31.55</i>	<i>55.45</i>
		<i>650</i>	<i>33.30</i>	<i>53.10</i>
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D 4781* Cont'd. Date *June 7, 1906*

Machine. Reel.

Turns Cor.+ Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *42°* Surface *42°* Drift

Trawl or dredge *Intermediate "1" and "2" and "3"*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>4-32-35</i>	<i>4-21-30</i>
		100	<i>36-10</i>	<i>17-50</i>
		200	<i>39-50</i>	<i>14-23</i>
		300	<i>44-05</i>	<i>10-4</i>
		400	<i>4-46-30</i>	<i>5-06-30</i>
		500	<i>Towed</i>	
		600	<i>with</i>	
		700	<i>Cable a</i>	
		800	<i>del</i>	
		900	<i>Net laid to ground</i>	
		1000	<i>harm. sent out</i>	
		1100	<i>K not - 1</i>	
		1200	<i>Net dragged</i>	
		1300	<i>bottom</i>	
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>D. Course</i>	<i>N.W. x W.</i>
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H 4870* Date *June 7, 1906*
Lucas Machine. Reel. *Lucas*

Turns Cor.+ Depth *70 fms.*

~~Shot or~~ lead *35 lb. Sigs. Ag. cup.*

Bottom *Green sand and pebbles. (= gn. S. P.)*

Bottom temperature

No. of thermometer *None* Cor. *()*

Corrected temperature

Air *43°* Surface *42°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>PL.</i>	<i>37.3</i>
		2600	<i>Lat. 52° 24' N</i>	
		2700	<i>Long. 17° 15' W</i>	
		2800	<i>Lat. 52° 24' N</i>	
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No.

Date

Machine.

Reel.

Turns 30 Cor. +

Depth 30 fms -

Shot or lead T.B. Lutey & Sinker

Bottom - bk. S.

Bottom temperature

No. of thermometer None Cor.

Corrected temperature

Air 42° Surface 41° Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.31.15	10.32.10	0		
10.31.30	10.31.31	30 400		
(Vertical log.)		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	6.6 = 5.0	
		2600		
		2700	Lat: 52° 45' N	
		2800		
		2900	Bearings: —	
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *407* Date *Aug 10*
Lucas Machine. / Reel. *Lucas*
 Turns Cor.+ Depth *65 fms.*
 Shot or lead *35 lb* Sig. *cup.*
 Bottom *Wm "Sh. G. S."*
 Bottom temperature *—*
 No. of thermometer *None* Cor.
 Corrected temperature *—*
 Air *43°* Surface *41°* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1</i>		0		
<i>11.19.45</i>		<i>65</i> 100		
		200		
<i>11.20.15</i>		300		
<i>bottom, at 5 fms.,</i>		400		
<i>there was no sign</i>		500		
<i>and no lead was seen</i>		600		
<i>when the wire was</i>		700		
<i>drawn to the end</i>		800		
<i>and dropped overboard about</i>		900		
<i>12.5 fms. wire</i>		1000		
<i>he picked up and the wire</i>		1100		
<i>was made for</i>		1200		
		1300		
<i>12.5 fms. wire</i>		1400		
<i>date, on this cruise,</i>		1500		
<i>13.5 fms. wire</i>		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 44893 Date June 9 06

T.N. Machine. Reel.

Turns Cor.+ Depth 60 fms

Shot or lead 35 lb

Bottom gy. s. br. sh.

Bottom temperature

No. of thermometer No. Ther. Cor.

Corrected temperature

Air 43° Surface 41° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1 25 50	1 25 50	0		
1 26 00	1 26 00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		10.1
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No.

Date

Machine.

Reel.

Turns 57 Cor.+

Depth 57 fms.

Shot or lead 35 lb. T. Lead

Bottom R.G.

Bottom temperature

No. of thermometer

None

Cor.

Corrected temperature

Air

43°

Surface

41°

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.00.30		0		
1.01.00	1:01.01	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>(Handwritten marks)</i>	<i>(Handwritten marks)</i>	2500	<i>P.C. =</i>	<i>20.0</i>
		2600	<i>Weather</i>	<i>om. 2</i>
		2700	<i>Wind</i>	<i>E by S. 3.</i>
		2800	<i>Sea</i>	<i>no</i>
		2900	<i>Race</i>	<i>29.7-1</i>
		3000	<i>... ..</i>	<i>70°</i>
		3100	<i>...</i>	<i>C.S. ...</i>
		3200	<i>...</i>	<i>S.N.E.</i>
		3300	<i>Lat. 52°</i>	<i>55' N.</i>
		3400	<i>...</i>	<i>173° 27' E.</i>
		3500	<i>...</i>	<i>...</i>
		3600	<i>Attn. Id. S 22° W</i>	<i>(True), dist. 4 miles.</i>
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No.

Date

T. N.

Machine.

Reel.

Turns: 59 Cor. +

Depth 59 fms.

Shot or lead

T. N.

Bottom

gn S. Fm S

Bottom temperature

No. of thermometer

None

Cor.

Corrected temperature

Air

4.2°

Surface

4.1°

Drift

Trawl or dredge

57 fms

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600	no vege	
		2700		
		2800	Chart: C.S. 9100	
		2900	Course: E.N.	
		3000	Lat. 52° 55' 30" N.	
		3100	Long. 173° 33' E.	
		3200	Bearing: East Cape	
		3300	Attn Id. S. 31° W.	
		3400	true dist. 4.5 miles	
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *2. 4783* Date *9*

Machine. Reel.

Turns Cor.+ Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *42°* Surface *41°* DriftTrawl or dredge *Inter 100. 1. 5. 2. 2.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	<i>Where collection in Alta Dredge</i>			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D 498* Date *June 11 - 01*
T. N. Machine. Reel.

Turns Cor.+ Depth

Shot or lead *75*

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	7 1/2	3 1/8
		2600		
		2700	10	
		2800		
		2900		
		3000		
		3100	11	
		3200		
		3300		
		3400		
		3500	12 1/2	
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *120* Date *Nov 11 96**Tanner* Machine: Reel.Turns Cor.+ Depth *135*Shot or lead *35 lb*Bottom *crs. H.*

Bottom temperature

No. of thermometer *60210* Cor.

Corrected temperature

Air *42* Surface *42* DriftTrawl or dredge *9 ft Albatross Bld*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		<i>135</i> 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H. 4874* Date *June 11/0*
Lucas Machine. Reel. *Lucas*
 Turns — Cor. + Depth *3-4 fath.*
 Shot or lead *35-lb. Ag's cup*
 Bottom *Coarse bb. S*
 Bottom temperature
 No. of thermometer *None* Cor.
 Corrected temperature
 Air *43°* Surface *42°* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H 4875* Date *June 11/06**Lucas* Machine. *Lucas* Reel.Turns Cor.+ Depth *69 fath.*Shot or lead *35 lb* Sigsbee.Bottom *bk. s.*

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *43°* Surface *42°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>17.7</i>	<i>11.1</i>
		2600	<i>14.1</i>	<i>10.1</i>
		2700	<i>Long</i>	<i>9.1</i>
		2800	<i>Chart</i>	<i>8.1</i>
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-10-3

REMARKS:

No. *H 4876* Date *June 11/06*
Lucas Machine. Reel. *Lucas*
 Turns *—* Cor. + Depth *60*
 Shot or lead *35* *deep eye*
 Bottom *gy. S. Rk. sh. aton*
 Bottom temperature
 No. of thermometer *None* Cor.
 Corrected temperature *—*
 Air *43°* Surface *40* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 475* Date *12. 1. 1880*

Machine. Reel.

Turns Cor.+ Depth *1850* *

Shot or lead

Bottom *CTV*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *44°* Surface *42°* DriftTrawl or dredge *25 ft. beam trawl*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>4:02.00</i>	
		100	<i>09.45</i>	
		200	<i>12.30</i>	
		300		
		400		
		500		
		600		
		700		
		800		
		900	<i>15 45.00. time</i>	
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

which chafes on
ship's side.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>CL.</i>	<i>2.8</i>
		2600	<i>Therm.</i>	<i>2.8</i>
		2700	<i>Wind</i>	<i>1.5</i>
		2800	<i>Sea</i>	<i>1.5</i>
		2900	<i>Sea</i>	<i>1.5</i>
		3000	<i>Therm.</i>	<i>1.5</i>
		3100	<i>CL.</i>	<i>1.5</i>
		3200	<i>Therm.</i>	<i>1.5</i>
		3300	<i>Therm.</i>	<i>1.5</i>
		3400	<i>Therm.</i>	<i>1.5</i>
		3500		
		3600	<i>CL.</i>	<i>1.5</i>
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 4786*, Date *14 June '06*

Machine. Reel.

Turns Cor.+ Depth *54 fms*Shot or lead *T.N. Lead*Bottom *gn. S.*

Bottom temperature

No. of thermometer *none* Cor.

Corrected temperature

Air *49°* Surface *41°* DriftTrawl or dredge *Ch. ...*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.22.50</i>	<i>9.04.10</i>	0	<i>9.07.20</i>	<i>9.33.10</i>
		100	<i>9.22.00</i>	<i>9.32.10</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		Variable, 0-1
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		57' 5"
		3400		14'
		3500		7'
		3600		20'
		3700		15'
		3800		17'
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *4787* Date *June 14 06*Machine. *T.N.* Reel.Turns — Cor. + — Depth *54*Shot or lead *T.N. Lead*Bottom *gn. S.*

Bottom temperature —

No. of thermometer *None* Cor. —

Corrected temperature —

Air *46°* Surface, *41°* DriftTrawl or dredge *12 ft Tanner*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		16.40
		3200		17.11
		3300		17.42
		3400		18.13
		3500		18.44
		3600		19.15
		3700		19.46
		3800		20.17
		3900		20.48
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *11411* Date *June 12*
T.N. Machine Reel.

Turns — Cor. + — Depth *57*

Shot or lead *T.N.* Lead

Bottom *gn. S.*

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air *46°* Surface *41°* Drift

Trawl or dredge *18 ft Tanner*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. H 49 99 Date June 14 06Machine. T N Reel.

Turns Cor. +

Depth 56Shot or lead T N 1Bottom gn 2

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 43° Surface 41 DriftTrawl or dredge 2 ft 2 in

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 4790* Date *June 14-1906*
T.N. Machine. Reel. *T.N.*
 Turns *60* Cor. + *—* Depth *64 fath.*
~~Shot or lead~~ *T.N.*
 Bottom *P.*
 Bottom temperature
 No. of thermometer *None* Cor.
 Corrected temperature
 Air *50°* Surface Drift
 Trawl or dredge *9'*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>1-19-00</i>	<i>1-21-30</i>
		100		
		200		
		300		
		400		
		500		<i>in bottom</i>
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200	<i>Lat. 54° 38' 45" N. Long. 167° 11' 45" E. E. Monaldi King Id., S. 84° E. Great West. Is.</i>	
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *11* Date *1/1*
L. V. Machine. Reel: *T.N.*
 Turns *76* Cor. + Depth *76*
 Shot or lead *T.N.*
 Bottom *shy,*
 Bottom temperature
 No. of thermometer *211* Cor.
 Corrected temperature
 Air *44* Surface Drift
 Trawl or dredge *9* *211-1023-11*
11-1023-11

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600	Weather	Cloud
		2700	Wind	Varia
		2800	Sea	3 m
		2900	Bar.	29.42
		3000	Ther. At.	65°
		3100	Dr. Course	West.
		3200	Lat. 54° 36' 15" N.	
		3300	Long. 166° 58' 15" E.	
		3400	Bearings	E. 71.00 mi.
		3500	Bering Id. 71.53° W.	
		3600	(True) dist. 8.75 mi.	
		3700		
		3800	Lat. 54° 36' 15" N.	
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D 4792* Date *June 14, 19*
T.N. Machine. Reel. *T.N.*
 Turns *72* Cor.+ *.0* Depth *72 fath*
 Shot or lead *T.N.*
 Bottom *P*
 Bottom temperature *—*
 No. of thermometer *None* Cor.
 Corrected temperature
 Air *44°* Surface *42°* Drift
 Trawl or dredge *12'*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000	<i>L. Course VV.</i>	
		3100	<i>St. 36° 15' 71</i>	
		3200	<i>70. 166° 57' 15" E.</i>	
		3300	<i>C. Morati</i>	
		3400	<i>Bearing Id., 71. 50° 40.</i>	
		3500	<i>(true), dist. 8.7 mi.</i>	
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *54703* Date *16 June 1906*
 Machine. Reel. *8*
 Turns Cor.+ Depth *2700 fms.*
 Shot or lead *No. 5 lb*
 Bottom
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air *45* Surface *41* Drift
 Trawl or dredge *Trawl 10 fms.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>10 00 00</i>	<i>1 00 00</i>
		100		<i>0 50 00</i>
		200		<i>0 40 00</i>
		300		<i>0 30 00</i>
		400	<i>10 20 00</i>	<i>0 20 00</i>
		500		
		600	<i>Time 20 min. at estimated depth of 300 fms.</i>	
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	95.3	
		2600	10m. 10	
		2700	75.17. 2	
		2800	8.	
		2900	30.11	
		3000		
		3100	ASC) SW by W	
		3200	S. W. by S. light	
		3300	Amount to 7.11. 10	
		3400	at helm 2.11. 10	
		3500	wire clear.	
		3600	side).	
		3700	Lat. 54. 15. 10	
		3800	Long. 164. 5. 10	
		3900	Harbor of Melville	
		4000	Service at 4. 58. 10	
			(Time) dist. 44. 10. 10	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 4794

Date June 20

T. N.

Machine. Reel.

Turns

Cor. +

Depth

59

Shot or lead T. N.

Bottom S. F.

Bottom temperature None used.

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge 1/2 ft. L.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 14795 Date June 20 16
 Machine T.N. Reel.
 Turns 69 Cor. +
 Shot or lead T.N.
 Bottom on sand
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air 46.0 Surface 46.0 Drift
 Trawl or dredge 12 ft Tanner

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D 4796* Date *June 2*
T.M. Machine. Reel.

Turns Cor.+ ——— Depth *41*

Shot or lead *T.M.*

Bottom *S.F. SR*

Bottom temperature ———

No. of thermometer ——— Cor. —

Corrected temperature ———

Air *46°* Surface *46°* Drift

Trawl or dredge *1 m. Tanner*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400	<i>Beacons: Staritskoy Dd., S. 71° 16' (true), distance 4 miles</i>	
		3500		
		3600		
		3700		
		3800		
		3900	<i>Chart: N.O. 5d</i>	
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-10-23

REMARKS:

See next page

No. *7* Date *June 20, 1*
T.N. Machine. / Reel. *T.N.*
 Turns Cor.+ Depth *11*
 Shot or lead *a*
 Bottom
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air Surface Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H. 4877* Date *June 20/*
ias Machine. Reel. *Lucas*
 Turns Cor.+ Depth
 Shot or lead *35th and. Sixty pounds*
 Bottom *gn M. cr. bk. S. i.*
 Bottom temperature
 No. of thermometer *108019* Cor. *.01°*
 Corrected temperature
 Air *47°* Surface *45°* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>25</i>	<i>1-21-20</i>	0		
	<i>15</i>	100		
<i>15-30</i>	<i>29-25</i>	200		
	<i>5-30</i>	300		
<i>17-50</i>	<i>37-40</i>	400		
<i>19-00</i>	<i>26-45</i>	500		
<i>20-10</i>	<i>25-50</i>	600		
	<i>15-00</i>	700		
<i>2-45</i>	<i>23-55</i>	800		
<i>3-0</i>	<i>1-23-50</i>	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		21.
		2600	52	24' 11".
		2700	157	51' 5".
		2800		2.40. 50".
		2900	71.52. 00".	
		3000	distant 13.5 mi.	
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 4797* Date *June 20, 1,*

Lucas Machine. *1* Reel. *1*

Turns

Cor. +

Depth

Shot ~~or lead~~ *35th* and *liget.*

Bottom *gn. M., cr. bk. S. and*

Bottom temperature

No. of thermometer *108019*

Cor. *-01*

Corrected temperature *36.6*

Air *47°* Surface *46°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500	<i>2d, 11.43 hr. (true)</i>	
		3600		
		3700	<i>dist. 11.5 mi</i>	
		3800	<i>Chart N.C. 54.</i>	
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 4797* Date *20 June, 06.*

Machine. Reel.

Turns Cor.+ Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *47°* Surface *46°* Drift

Trawl or dredge *Inter. 1, 2, 3.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>3.50.30</i>	<i>6.21.5</i>
		100	<i>56.45</i>	<i>57.40</i>
		200	<i>1.02.45</i>	<i>53.30</i>
		300	<i>4.02.45</i>	<i>49.20</i>
		400	<i>7.02.45</i>	<i>45.10</i>
		500		
		600	<i>10.02.45</i>	<i>41.00</i>
		700	<i>13.02.45</i>	<i>36.50</i>
		800	<i>16.02.45</i>	<i>32.40</i>
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600	<i>Weather</i>	<i>om.</i>
		2700	<i>Wind</i>	<i>S.E. 3-4.</i>
		2800	<i>Bar.</i>	<i>S.</i>
		2900	<i>Bar.</i>	<i>30.17</i>
		3000	<i>Therm. at 20.</i>	<i>72°</i>
		3100	<i>Course :</i>	<i>E.S.E.</i>
		3200		
		3300	<i>other data as at</i>	
		3400		
		3500	<i>beginning of station.</i>	
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1024

REMARKS:

No. *H 4798* Date *Dec 21*
T.N. Machine *C* Reel.
 Turns Cor.+ Depth *75*
 Shot or lead *7 H Tube*
 Bottom *gn S*
 Bottom temperature *37*
 No. of thermometer *108019* Cor. *-0.1*
 Corrected temperature *36.9°*
 Air *46°* Surface *46°* Drift
 Trawl or dredge *12 ft*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN. <i>1000</i>	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200	Lat 51° 37' N.	
		3300	Long 156° 21' E.	
		3400	Leadings, March 21	
		3500	Hanson River, 71° 41' E.	
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1021

REMARKS:

No. *471* Date *1/1/02*
 Machine. Reel.
 Turns Cor.+ Depth *25**
 Shot or lead
 Bottom *S*
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air *47-45* Surface *42-40* Drift
 Trawl or dredge *12 ft. 2*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	51° 38' 22.	
		3200	156 21' 00.	
		3300	156 21' 00.	
		3400	156 21' 00.	
		3500	156 21' 00.	
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11 1023

REMARKS:

507
No. D. 4877

Date 22 June 1906

Machine. Reel.

Turns Cor.+ Depth 1000 fms.
(from boat)

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 30° Surface Drift

Trawl or dredge Long S. 15° E. 1/2 S. 1/2 E.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	4:00.40	4:59.00
		100	02.00	x 4:58.00
		200	06.00	3:57.00
		300	09.40	3:56.00
		400	13.20	3:55.00
		500		
		600		
		700		
		800		
		900		
x. Sounded 1000 fms. in 1000 fms. of the ship's drigge rope.		1000	about 4:54.00	
		1100	at the	
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>Pl. =</i>	<i>44.0</i>
		2600	<i>Weather</i>	<i>omd.</i>
		2700	<i>Wind</i>	<i>1.5 = . .</i>
		2800	<i>Sea.</i>	<i>1.7.</i>
		2900	<i>Bar.</i>	<i>29.94</i>
		3000	<i>Therm. dtd</i>	<i>6.0</i>
		3100	<i>Cum. dtd</i>	<i>5.0</i>
		3200	<i>Cum. dtd</i>	<i>4.0</i>
		3300	<i>Cum. dtd</i>	<i>3.0</i>
		3400	<i>Cum. dtd</i>	<i>2.0</i>
		3500	<i>Bearings:</i>	<i>1.0</i>
		3600	<i>Id. S. 77° E. true,</i>	
		3700	<i>Dist. 1.0</i>	
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *4901* Date *June 24 06*

Machine. Reel.

Turns Cor.+ Depth *137*~~Shot or lead~~ *35 lb* *7/8* *solid*Bottom *crs M S*Bottom temperature *35.1*No. of thermometer *10 10 11* Cor. *-0.1*Corrected temperature *35.4°*Air *43°* Surface *87°* DriftTrawl or dredge *12 ft Tanner*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		5' 20" W
		3200		20' 20" W
		3300		40' 21" W
		3400		14' 20" W
		3500		15' 20" W
		3600		16' 20" W
		3700		17' 20" W
		3800		18' 20" W
		3900		19' 20" W
		4000		20' 20" W

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *L. 1. 62*

Date

Machine. Reel.

Turns

Cor. +

Depth *226.7*~~Shot or lead~~ *35 lb*Bottom *gr*Bottom temperature *36.1*No. of thermometer *161019*Cor. - *21*Corrected temperature *36.1*Air *47*Surface *57*

Drift

Trawl or dredge *9 ft - Albatross*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		Variable
		2800		M
		2900	Bas	30 0.
		3000	Sho at	64
		3100		2 3 11
		3200	Lat	46° 44' 21
		3300	Long	157° 44' 5.
		3400		
		3500	Simulher Id.	71.66' to
		3600	(true), dist.	8.0 mi.
		3700		
		3800		
		3900		and N. G. 2182
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1000

REMARKS:

No. *D. 4803* Date *June 24/0*
Lucas Machine. *Reel.*
 Turns Cor.+ Depth *2*
~~Shot or~~ lead
 Bottom *crs*
 Bottom temperature *36*
 No. of thermometer *108049* Cor. *-1*
 Corrected temperature *35*
 Air *43* Surface *37* Drift
 Trawl or dredge *9*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200	46° 45' 21.	
		3300	151° 45' E.	
		3400	3400 fms; Cape Rallier.	
		3500	Simushan Id., 71.59° W.	
		3600	(Trug), dist. 9 mi.	
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11 10.5

REMARKS:

No. *71 4804* Date

Machine. Reel.

Turns. Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer *Nine* Cor.

Corrected temperature

Air *45°* Surface *28°* DriftTrawl or dredge *9' Alb. - 1/2*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN. <i>21 11</i>	UP.		DOWN. <i>21 11</i>	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200	<i>Long. 151° 24' E.</i> <i>Bearings, Cape Rollin,</i> <i>Simushan Is. 71. 58° 10.</i> <i>(true). dist. 9.7 mi.</i>	
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *15.4805* Date *25 June, 1900.*Machine. Reel. *about*Turns Cor.+ Depth *1000 fms.*

Shot or lead (from chart.)

Bottom *No*

Bottom temperature

No. of thermometer

Corrected temperature

Air *45°* Surface *40°* DriftTrawl or dredge *Trawl No 1. 2. 3.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>10.03.20</i>	<i>10.40.35</i>
		100	<i>05.20</i>	<i>37.35</i>
		200	<i>09.20</i>	<i>34.15</i>
		<i>225</i>	<i>10.11.45</i>	<i>10.11.45</i>
		400		
		500	<i>Towed out, at an</i>	
		600	<i>estimated depth of</i>	
		700	<i>200 fms. for 20 min.</i>	
		800	<i>(200 fms. towing)</i>	
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	P.L. :	87.6
		2600	Weather	om.
		2700	Wind	South 3.
		2800	Sea	S.
		2900	Bar.	30.06
		3000	Therm. Air.	63°
		3100	Course	S.E. (R.S.C.)
		3200	Chart	B.A. 2405.
		3300	Lat. 44°	E. T.
		3400	Long. 149°	04 E.
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *2. 4806.* Date *26 June 1903.*

Machine. Reel.

Turns Cor. +

Depth *Depth not*
charted.

Shot or lead

Bottom *Vo*

Bottom temperature

No. of thermometer

3 Cor.

Corrected temperature

Air *56*

Surface *530*

Drift

Trawl or dredge *Inter. N^o 1, 2 K L 1 1000*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		5.03.45
		100	29.35	5.00.30
		200	32.20	57.30
		300	4.34.30	4.54.30
		400		
		500	<i>Towed net 20 min. at an approximate depth of 200 fms.,</i>	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		Primo Saki
		3600		5. - 07.5. blue, dist.
		3700		5. 2.
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *807* Date *July 16, 1897*
 Machine. Reel. *T A*
 Turns Cor. Depth *100*
 Shot or lead *Shank*
 Bottom
 Bottom temperature
 No. of thermometer *77* Cor. —
 Corrected temperature
 Air *77* Surface *67* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		50
		3200		
		3300		41° 56' 15"
		3400		40° 36' 2"
		3500		
		3600	3 min.	35° 10' 10"
		3700		Dist. 10.3 ...
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 18 Date

Machine. Reel. T N

Turns — Cor.+ — Depth 47

Shot or lead Shank Lead

Bottom S. S.

Bottom temperature ———

No. of thermometer ——— Cor. —

Corrected temperature —

Air 78 Surface 67 Drift

Trawl or dredge 12 ft Tonne

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>F. L.</i>	
		2600	<i>Heather</i>	<i>W. 1000</i>
		2700	<i>W. 1000</i>	<i>W. 1000</i>
		2800	<i>W. 1000</i>	
		2900	<i>W. 1000</i>	
		3000		
		3100		<i>W. 1000</i>
		3200	<i>W. 1000</i>	<i>W. 1000</i>
		3300		<i>W. 1000</i>
		3400	<i>W. 1000</i>	<i>W. 1000</i>
		3500		<i>W. 1000</i>
		3600	<i>W. 1000</i>	<i>W. 1000</i>
		3700		<i>W. 1000</i>
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

507
L^o 2^a

No. *D 4809* Date *June 16, 1906*
Lucas Machine. Reel. *Lucas*
 Turns Cor.+ Depth *207 fms*
~~Shot or lead~~ *35*
 Bottom
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air *75°* Surface *70°* Drift
 Trawl or dredge *12' Tanner*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200	<i>40-55</i>	
		300	<i>2-44-05</i>	<i>3-04-10</i>
		400	<i>Stopped</i>	
		500	<i>to take turn. of</i>	
		600	<i>at inside</i>	
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		53
		3100	Course	L. O. V.
		3200	Lat.	41° 18' N.
		3300	Long.	140° 08' 40" E.
		3400	Bearings:	Cape
		3500		Sirakami Lt.,
		3600		N. 72° E. (true) 6.8 mi
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No.

Date

Lucas

Machine.

Reel.

Lucas

Turns

Cor. +

Depth 90 fath.

Shot or lead 35[#] lead

Bottom sh.

Bottom temperature 49°

No. of thermometer 105017

Cor. - 0° 2'

Corrected temperature 48.8°

Air 76°

Surface 70°

Drift.

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *1500* Date *16 Feb. 1900*Machine. *Lucas* Reel. *Lucas*Turns Cor.+ Depth *195 fms.*Shot or lead *35-lb lead*Bottom *fine gy. S.*Bottom temperature *44.8°*No. of thermometer *108019* Cor. *-0.1*Corrected temperature *44.7°*Air *76* Surface *70* DriftTrawl or dredge *12 ft - Tanner*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.10.00</i>	<i>4.10.00</i>	0	<i>6.15.00</i>	<i>7.20.00</i>
<i>1.11.00</i>	<i>4.09.00</i>	100	<i>17.00</i>	<i>7.05.00</i>
<i>1.12.00</i>	<i>4.08.00</i>	200	<i>20.00</i>	<i>6.50.00</i>
		275	<i>22.50</i>	<i>6.35.00</i>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>P. 1</i>	<i>18.1</i>
		2600	<i>11.1</i>	<i>18.9</i>
		2700	<i>Wind</i>	<i>18.11.2</i>
		2800	<i>Sea</i>	<i>S.</i>
		2900	<i>Baromet</i>	<i>21.1</i>
		3000	<i>7</i>	<i>7</i>
		3100	<i>11.1</i>	<i>18.11.2</i>
		3200	<i>11.1</i>	<i>18.11.2</i>
		3300	<i>11.1</i>	<i>18.11.2</i>
		3400	<i>11.1</i>	<i>18.11.2</i>
		3500	<i>11.1</i>	<i>18.11.2</i>
		3600	<i>11.1</i>	<i>18.11.2</i>
		3700	<i>11.1</i>	<i>18.11.2</i>
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 4810.* *Corrected.* Date *16**J* Machine. Reel.

Turns Cor.+ Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *74°* Surface *70°* DriftTrawl or dredge *Inter N^o 1, 2 N^o 2 & 3.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>5:05</i>	<i>5:24</i>
		100	<i>5:15</i>	<i>5:15</i>
		200	<i>5:25</i>	<i>5:05</i>
		300		
		400		
		500	<i>5:35</i>	<i>5:00</i>
		600	<i>5:45</i>	<i>4:50</i>
		700	<i>5:55</i>	<i>4:40</i>
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 4811 Date July 17 1886

Machine. ☒ Reel.

Turns — Cor. + — Depth

Shot or lead —

Bottom —

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature —

Air 77 Surface 73 Drift —

Trawl or dredge Net #1 No 2-3 E.L.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	8.50	
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D. 4812*

Date

Sigsbee

Machine.

Reel. *V Sigsbee*

Turns

Cor. +

Depth *716*Shot or lead *36*Bottom *fine*

Bottom temperature

No. of thermometer *108*

Cor.

Corrected temperature *34*Air *79°*

Surface

Drift

Trawl or dredge *12'*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A.M.</i>				
<i>02-00</i>	<i>8-07-0</i>	0		
" "	" "	100		
<i>8-15-25</i>	<i>8-06-</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	P.L.	5-2.4
		2600	Wind	S. W.
		2700	Sea	Smooth
		2800	Bar	30.02
		2900	Ther. Att	76°
		3000	Course	N. E. x E.
		3100	Lat.	38° 33' N.
		3200	Long.	138° 40' E.
		3300	Bearings:	N. Point
		3400	of Saddle Id.	
		3500	S. 31° W. (True)	15 mi
		3600		
		3700	Chart	N. A. 1300.
		3800	Weather	b-c - 9
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D 4813*

Date

July 18, 1906

Lucas

Machine.

Reel.

Lucas

Turns

Cor. +

Depth

200 fath

Shot or lead

30[#] and Sigbee 100[#]

Bottom

*br. M. and bk. S.*Bottom temperature *34°*No. of thermometer *108019*Cor. *-1°*Corrected temperature *33.9°*

Air

81

Surface

73

Drift

Trawl or dredge

12' Tanner

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

A.M.

UP.

DOWN.

A.M.

UP.

9-10-05 9-15-55

0

*9-19-50 10-00-05**11-20 14-50*

100

*23-30 56-30**9-12-30 9-13-35*

200

27-10 52-50~~275~~
~~300~~*9-29-30 9-49-30*

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	Wind	0
		2600	Weather	bcy 7
		2700	Sea	Smooth
		2800	Bar.	30.01
		2900	Ther Att	79°
		3000	Course	S.E. x E.
		3100	Lat.	38° 35' N.
		3200	Long	138° 41' E.
		3300	Chart	H.O. 1300
		3400	Bearings	N. P.
		3500	Side Id.	N. 30° W.
		3600	(Time)	dist. 17 min.
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

10-

37
12
21

